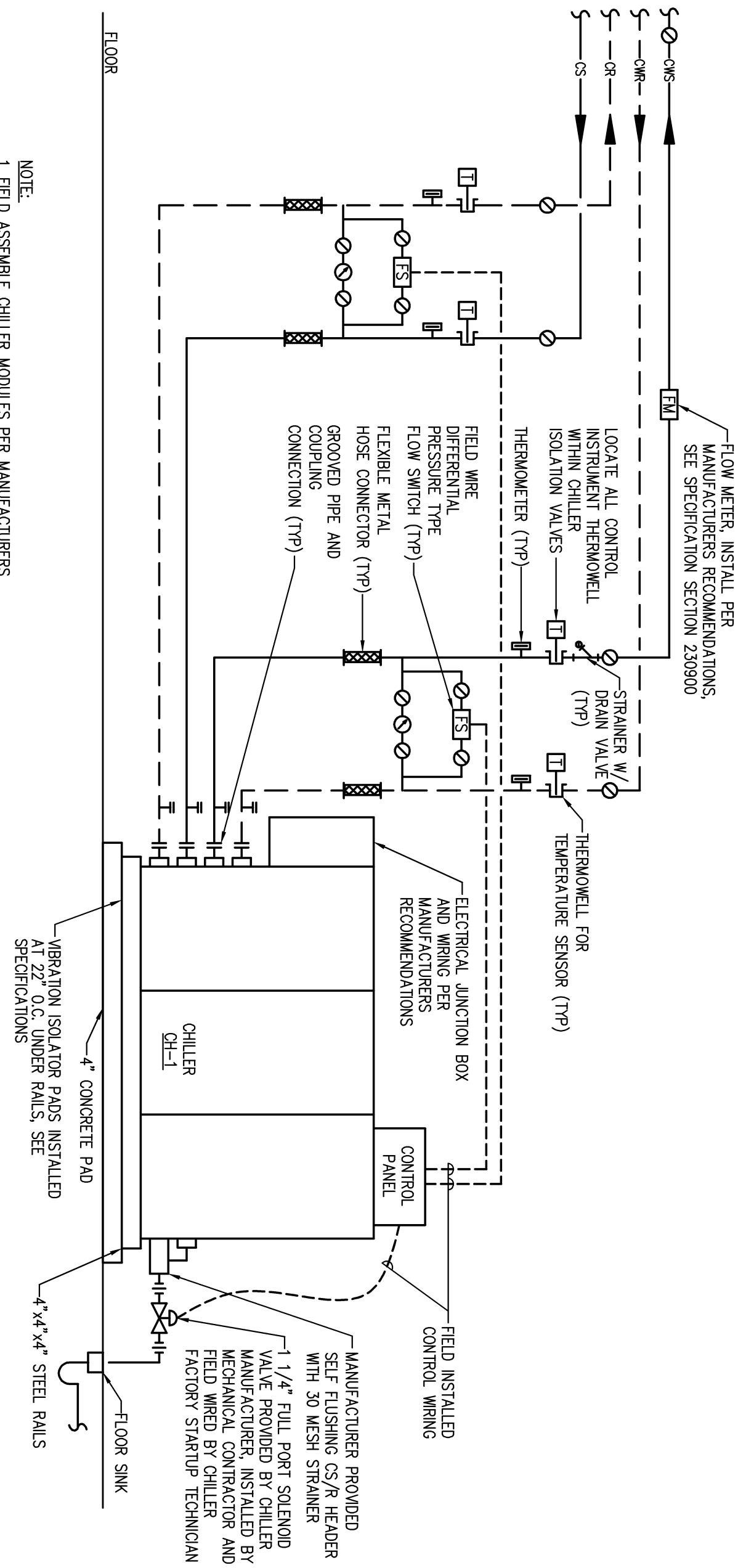


NOTE:  
1. PROVIDE SUCTION DIFFUSER WITH STRAINER OR 5 DIAMETERS OF STRAIGHT PIPE AND STRAINER.  
2. COMBINATION VALVE MAY BE USED IN LIEU OF CHECK AND BALANCE VALVES.



NOTE:  
1. FIELD ASSEMBLE CHILLER MODULES PER MANUFACTURERS RECOMMENDATIONS.  
2. PROVIDE MANUAL DRAIN AND VENT VALVES WITH CAP AND CHAIN FOR EVERY TAP CONNECTION PROVIDED BY MANUFACTURER. FULL SIZE OF TAP IN CONDENSER WATER & CHILLED WATER.  
3. SUPPORT PIPING INDEPENDENT OF CHILLER CONNECTIONS.

## PIPE THROUGH FOUNDATION WALL DETAIL

1  
M201

## END SUCTION PUMP DETAIL - DEMOLITION

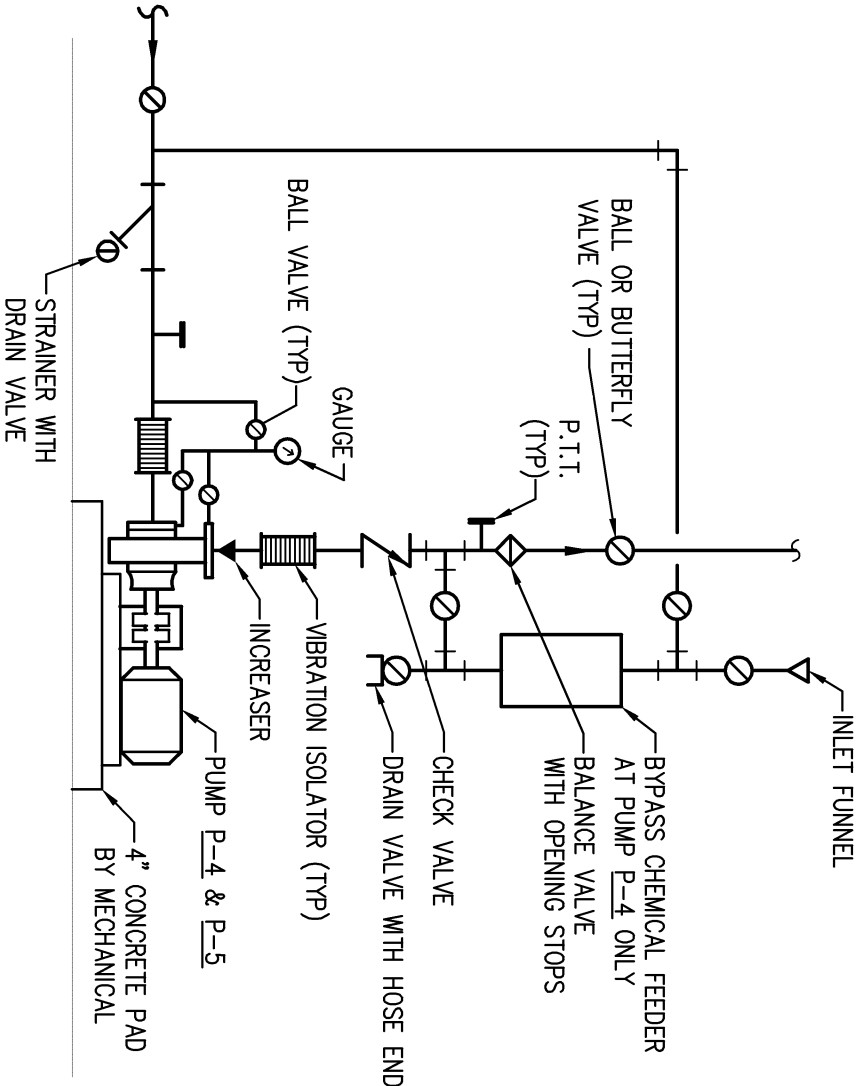
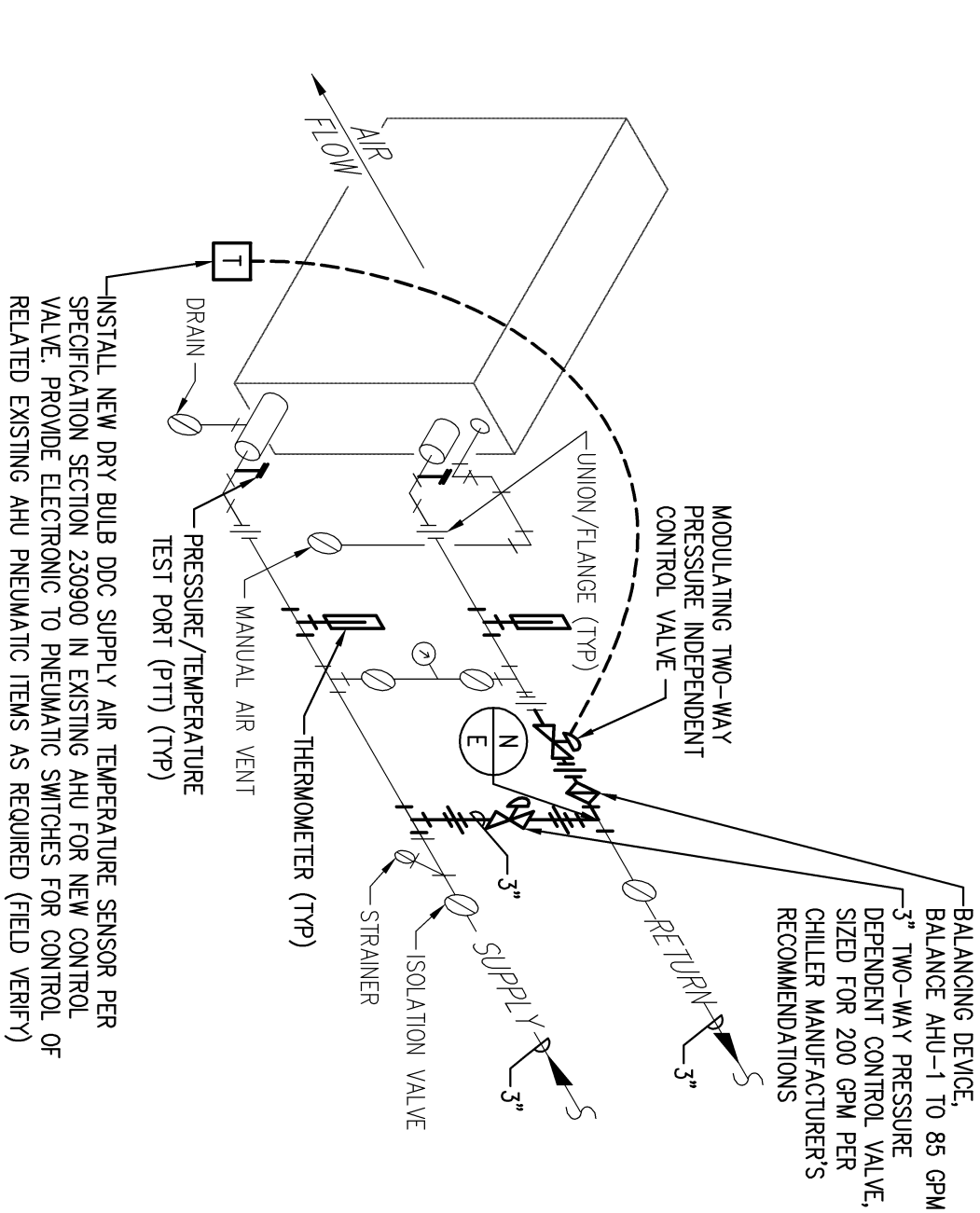
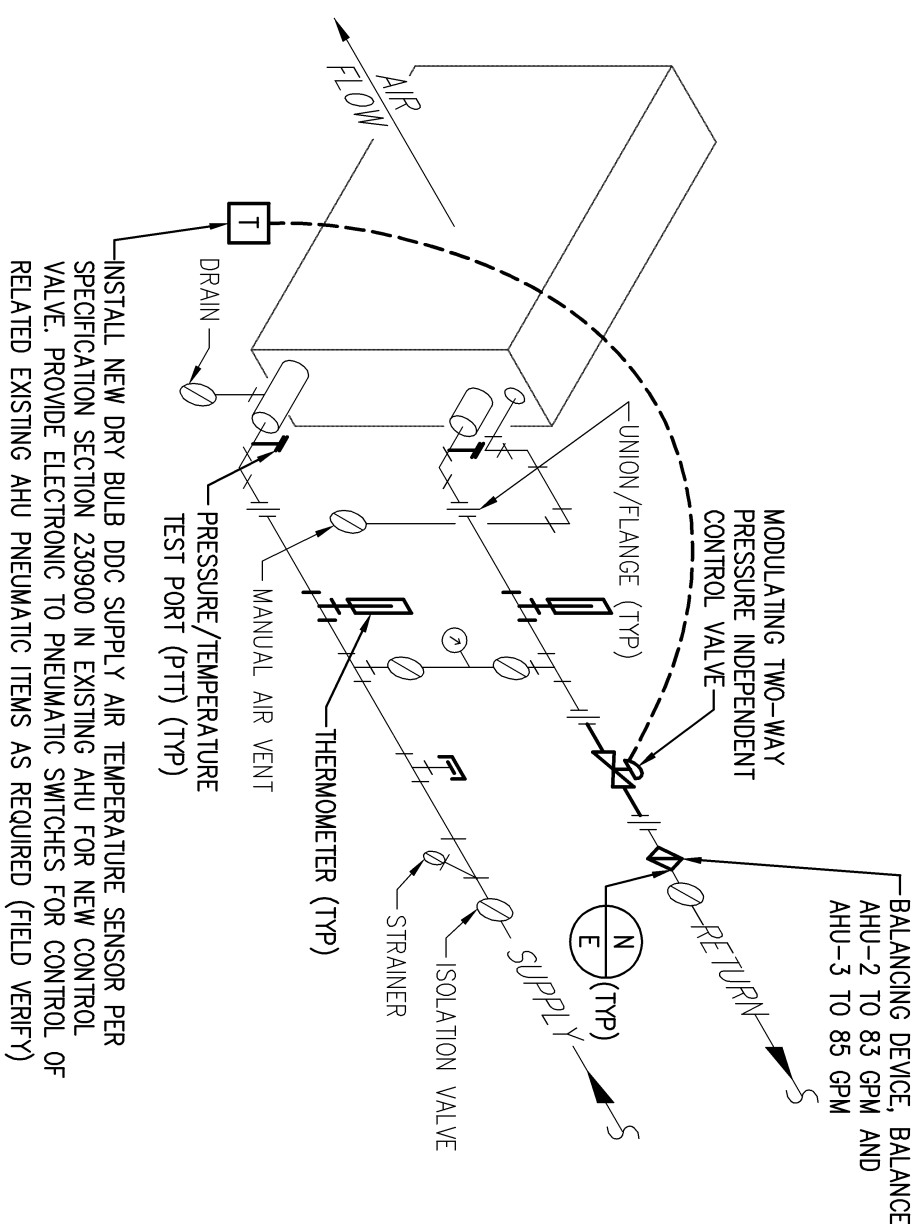
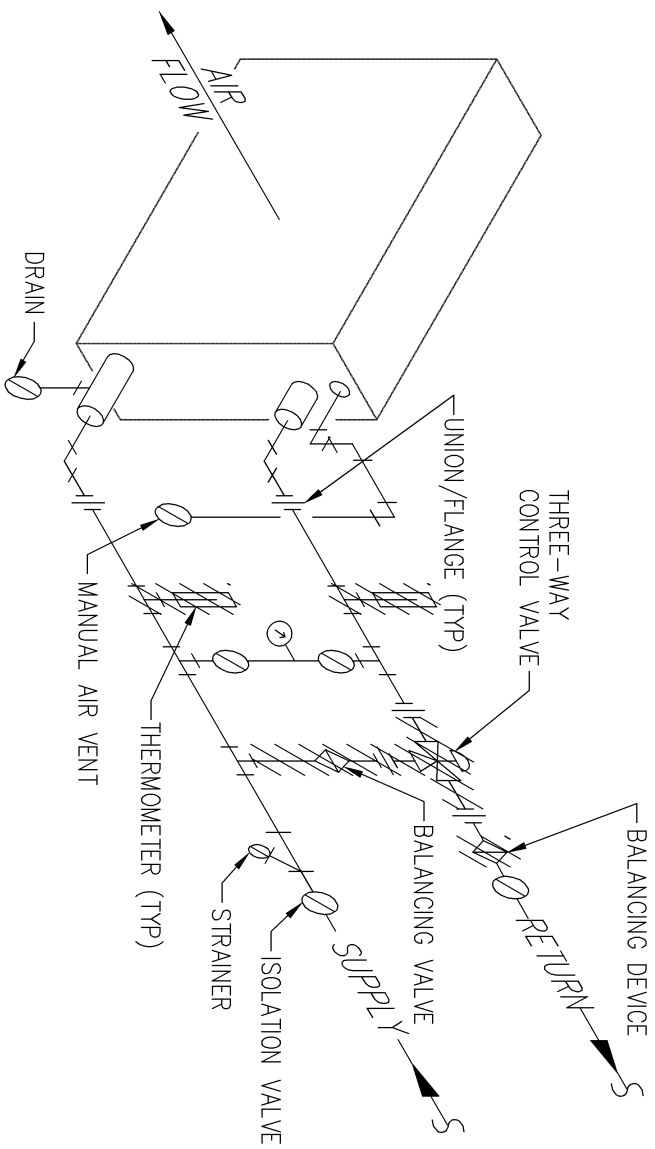
2  
M201

## END SUCTION PUMP DETAIL - NEW WORK

3  
M201

## WATER COOLED CHILLER DETAIL

4  
M201



NOTE:  
1. PROVIDE 3 DIAMETERS OF STRAIGHT PIPE AND STRAINER.  
2. COMBINATION VALVE MAY BE USED IN LIEU OF CHECK AND BALANCE VALVES.

## THREE-WAY WATER COIL - DEMOLITION

5  
M201

## TWO-WAY WATER COIL DETAIL (TYP OF 2)

6  
M201

## TWO-WAY WATER COIL DETAIL WITH BYPASS CONTROL VALVE

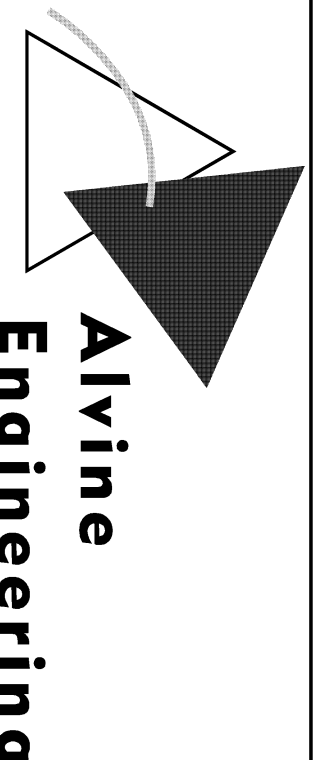
7  
M201

## END SUCTION PUMP PIPING

8  
M201

## STATE OF NEBRASKA BEATRICE STATE DEVELOPMENTAL CENTER BUILDING NO. 4 CHILLER REPLACEMENT

NEBRASKA



Office: 1102 Douglas on the Hill, Omaha, NE 68102  
Phone: (402) 477-9614 Fax: (402) 477-9616  
Mobile: 402-548-5515  
Email: info@alvineeng.com

Drawn	CAE	Project No.	20123192
Checked	STA	Drawing No.	M201
Date	05/20/2013		